Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1359138

Luminaire Tested: **GSS-SB3D-740-U-T2**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1359138
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-740-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 70CRI 4000K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(78) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29473.4 lumens
Efficiency:	N/A
Efficacy:	134.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

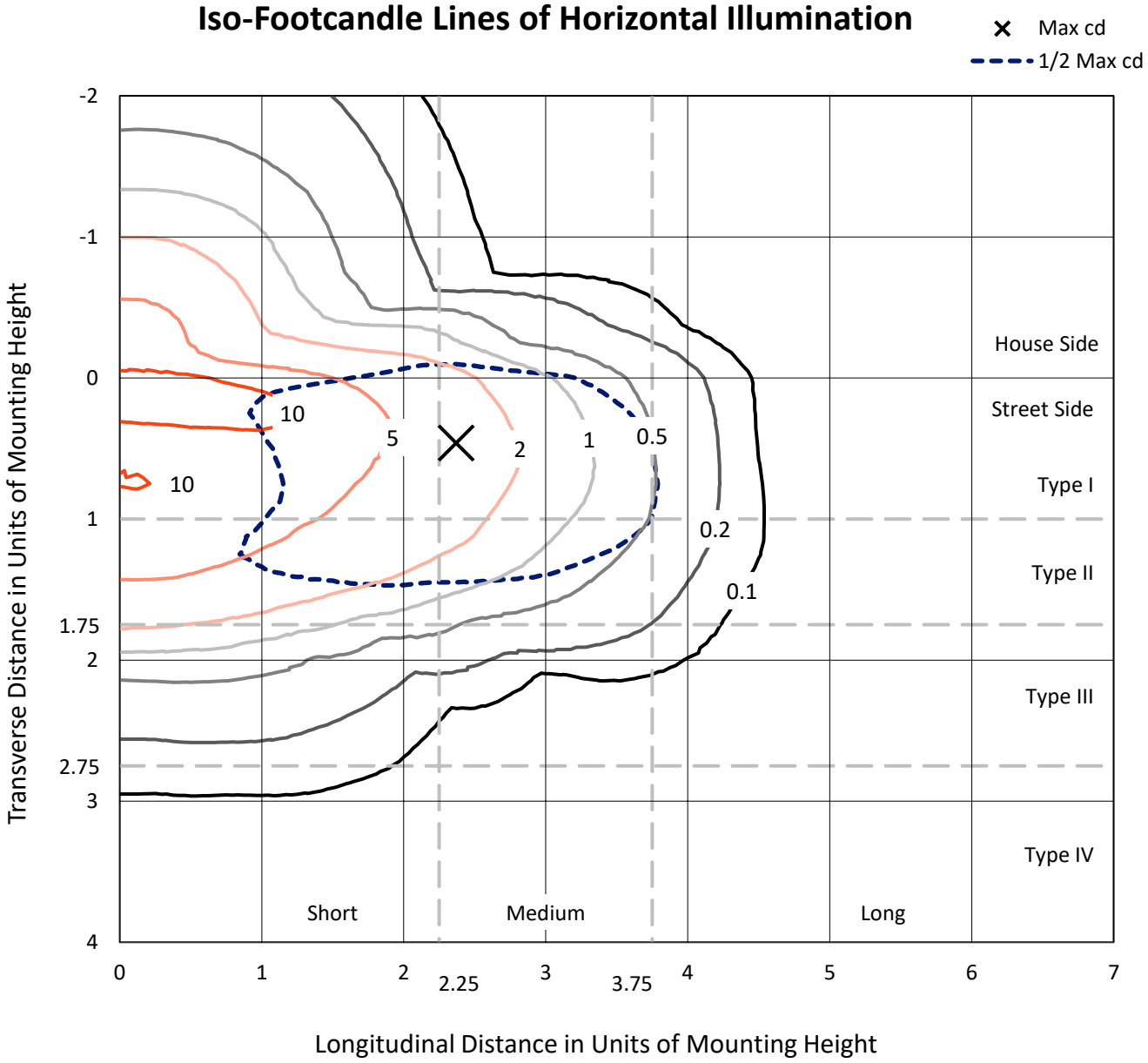
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359138
CATALOG NUMBER: GSS-SB3D-740-U-T2

Iso-Footcandle Lines of Horizontal Illumination



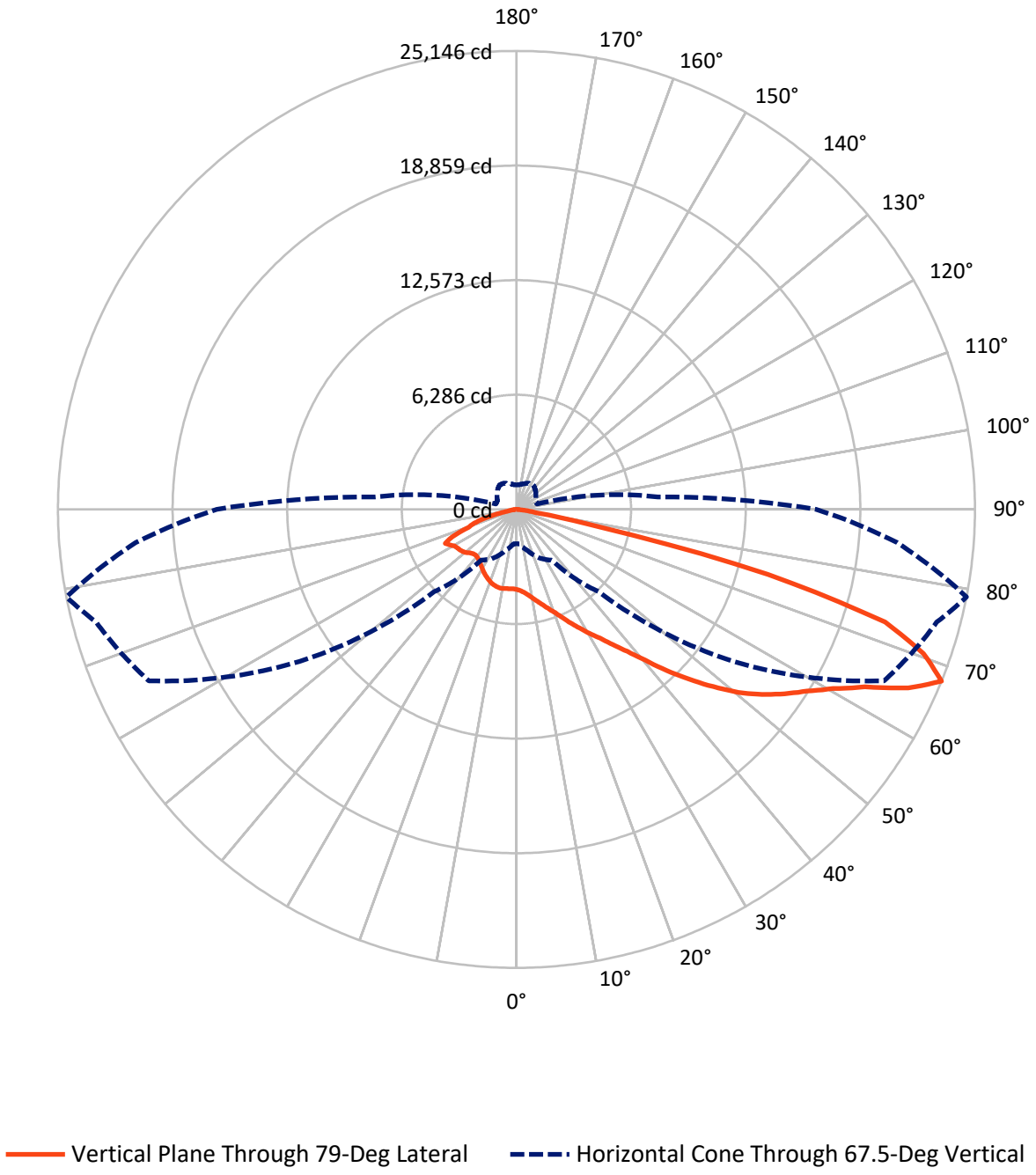
Based on 20 foot mounting height. Maximum calculated value = 13.1 fc
Type II - Medium - N/A

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359138
CATALOG NUMBER: GSS-SB3D-740-U-T2

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

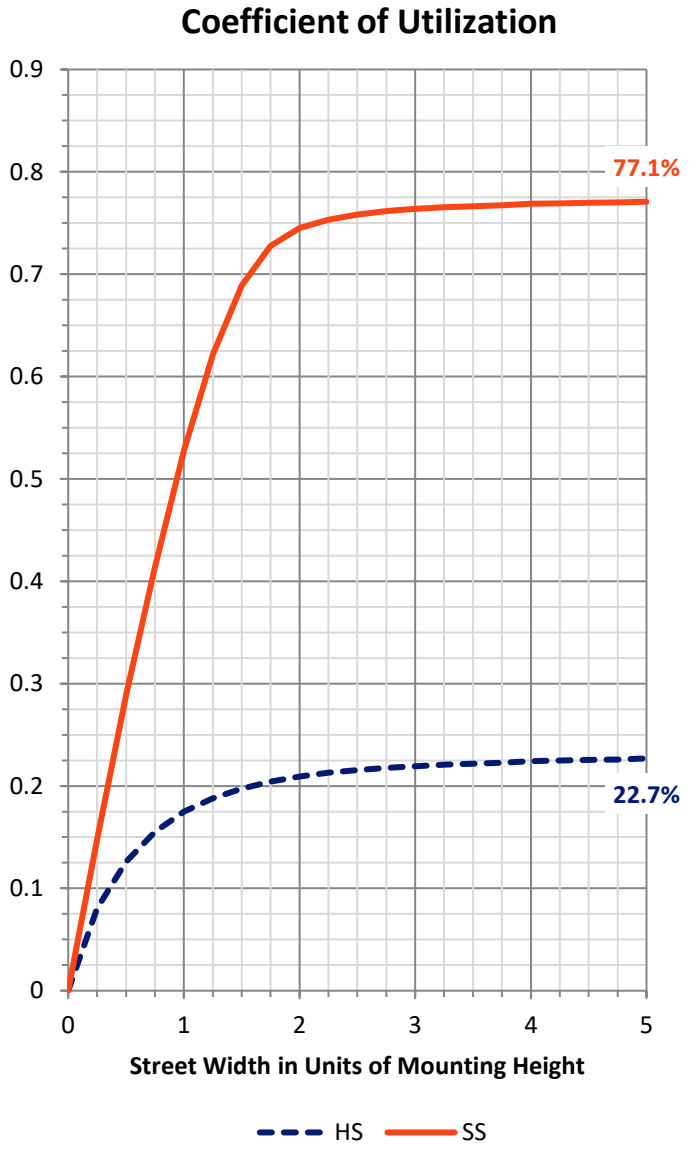
REPORT NUMBER: P1359138
CATALOG NUMBER: GSS-SB3D-740-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6753.1	0.0	6753.1
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	22720.4	0.0	22720.4
	% Fixture	77.1	0.0	77.1
Total	Lumens	29473.4	0.0	29473.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	420.1	1.4
10°-20°	1264.6	4.3
20°-30°	2136.7	7.2
30°-40°	3296.3	11.2
40°-50°	5034.0	17.1
50°-60°	6960.2	23.6
60°-70°	7033.8	23.9
70°-80°	3094.6	10.5
80°-90°	233.1	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	29473.4	100.0
0°-180°	29473.4	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

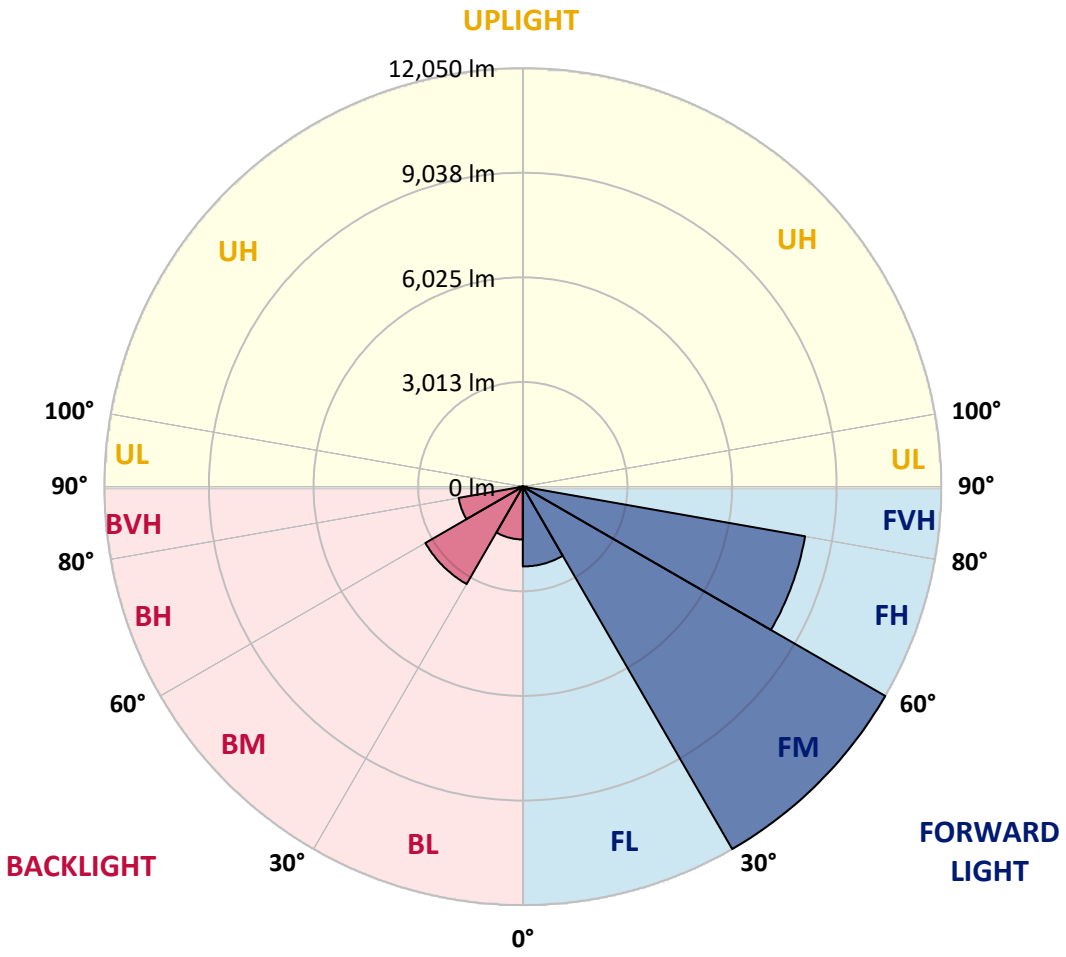
Scaled Data Report

REPORT NUMBER: P1359138
CATALOG NUMBER: GSS-SB3D-740-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2299.5	7.8			
FM	(30°-60°)	12050.1	40.9			
FH	(60°-80°)	8252.6	28.0			G4/12000
FVH	(80°-90°)	118.1	0.4			G2/225
BL	(0°-30°)	1521.9	5.2	B3/2500		
BM	(30°-60°)	3240.3	11.0	B3/5000		
BH	(60°-80°)	1875.8	6.4	B3/2500		G3/2500
BVH	(80°-90°)	115.0	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type II Medium



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359138
CATALOG NUMBER: GSS-SB3D-740-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	*4396.0*	4396.0
2.5°	4600.0	4672.4	4672.4	4639.5	4626.4	4619.8	4573.7	4521.1	4501.3	*4468.4*	4448.7
5°	4883.0	4883.0	4896.2	4863.3	4883.0	4856.7	4790.9	4725.1	4646.1	*4586.9*	4560.6
7.5°	4909.3	4962.0	4994.9	4994.9	5034.4	5041.0	5008.1	4935.7	4837.0	*4744.8*	4698.8
10°	4935.7	4981.7	4981.7	5034.4	5119.9	5185.7	5205.5	5179.2	5021.2	*4955.4*	4863.3
12.5°	4876.4	4929.1	4948.8	5054.1	5172.6	5297.6	5389.8	5402.9	5304.2	*5185.7*	5047.5
15°	4672.4	4718.5	4797.5	4955.4	5166.0	5356.8	5534.5	5633.2	5521.4	*5435.8*	5245.0
17.5°	4396.0	4422.4	4554.0	4758.0	5047.5	5370.0	5679.3	5870.2	5843.8	*5732.0*	5508.2
20°	4369.7	4396.0	4435.5	4586.9	4922.5	5323.9	5771.4	6140.0	6212.4	*6041.3*	5764.9
22.5°	4593.5	4619.8	4619.8	4639.5	4850.1	5284.5	5863.6	6429.5	6594.1	*6449.3*	6093.9
25°	4902.8	4955.4	4896.2	4850.1	4922.5	5310.8	5916.2	6758.6	7081.0	*6903.4*	6462.4
27.5°	5343.7	5337.1	5284.5	5146.3	5126.5	5389.8	6061.0	7015.2	7548.3	*7364.0*	6844.1
30°	5955.7	5988.6	5870.2	5580.6	5449.0	5567.4	6258.4	7225.8	8041.9	*7890.5*	7206.1
32.5°	6646.7	6633.5	6488.8	6212.4	5889.9	5857.0	6442.7	7449.6	8607.8	*8417.0*	7660.2
35°	7390.3	7377.2	7331.1	6857.3	6436.1	6258.4	6738.8	7706.2	9265.9	*9108.0*	8193.2
37.5°	8061.6	8120.8	8259.0	7495.6	7048.1	6784.9	7120.5	8134.0	10108.3	*9877.9*	8838.1
40°	8634.1	8739.4	8871.0	8180.1	7620.7	7396.9	7627.3	8831.6	11009.8	*10871.6*	9614.7
42.5°	9160.6	9233.0	9219.8	8798.7	8318.2	8068.2	8265.6	9555.5	12174.7	*12075.9*	10568.9
45°	9805.5	9884.5	9851.6	9450.2	8969.8	8746.0	9101.4	10404.4	13280.2	*13293.4*	11470.5
47.5°	10437.3	10516.3	10496.5	10128.0	9667.3	9483.1	9970.1	11404.7	14346.3	*14524.0*	12451.1
50°	11029.6	11102.0	11141.5	10911.1	10509.7	10312.3	10819.0	12345.8	15379.5	*15781.0*	13385.5
52.5°	11194.1	11286.2	11556.0	11641.6	11463.9	11227.0	11595.5	13247.3	16268.0	*16866.8*	14287.1
55°	10654.5	10812.4	11391.5	11825.9	12352.3	12378.7	12405.0	14122.6	17044.5	*17847.4*	15109.7
57.5°	9713.4	9739.7	10417.6	11299.4	12549.8	13668.5	13800.1	15142.6	17801.3	*18801.6*	15925.8
60°	7627.3	7489.1	8588.1	10081.9	11839.0	14181.8	16024.5	16722.1	18742.4	*19953.3*	16906.3
62.5°	4086.7	4099.9	5008.1	6863.9	9805.5	13681.7	17932.9	19078.0	20117.8	*21447.1*	18360.7
65°	2566.5	2665.3	3178.6	4001.2	5936.0	10871.6	18051.4	22210.5	22296.1	*23618.8*	20183.6
67.5°	*1875.6*	*1901.9*	*2336.2*	*2935.1*	*3402.3*	*6376.9*	*14530.6*	*22250.0*	*23868.9*	*25145.6*	*20960.1*
70°	1395.1	1408.3	1717.6	2211.2	2481.0	2987.7	9259.3	19255.7	23052.9	*23684.6*	19018.8
72.5°	1020.0	1026.6	1191.1	1625.5	1954.5	1776.8	4350.0	13872.5	20019.1	*21144.4*	17110.3
75°	717.3	730.5	848.9	1125.3	1316.2	1237.2	1658.4	8673.6	14372.7	*14247.6*	11950.9
77.5°	539.6	546.2	625.2	796.3	895.0	809.4	934.5	4053.8	5133.1	*4632.9*	3770.9
80°	394.9	414.6	454.1	500.1	598.9	519.9	526.5	1138.5	1237.2	*1085.8*	974.0
82.5°	210.6	236.9	302.7	302.7	348.8	309.3	276.4	506.7	533.1	*500.1*	434.3
85°	65.8	65.8	72.4	92.1	138.2	138.2	138.2	171.1	177.7	*177.7*	151.4
87.5°	13.2	13.2	13.2	13.2	19.7	26.3	39.5	52.6	59.2	*65.8*	65.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359138
CATALOG NUMBER: GSS-SB3D-740-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0	4396.0
2.5°	4435.5	4389.5	4343.4	4264.4	4224.9	4165.7	4113.1	4086.7	4067.0	4060.4	4060.4
5°	4521.1	4448.7	4303.9	4165.7	4040.7	3928.8	3843.2	3777.4	3737.9	3705.0	3705.0
7.5°	4606.6	4507.9	4290.7	4047.2	3869.6	3731.4	3612.9	3573.4	3560.3	3527.4	3507.6
10°	4751.4	4593.5	4271.0	3922.2	3672.1	3553.7	3501.0	3487.9	3494.5	3501.0	3501.0
12.5°	4863.3	4692.2	4218.4	3764.3	3520.8	3455.0	3461.5	3494.5	3547.1	3540.5	3527.4
15°	5021.2	4764.6	4113.1	3580.0	3402.3	3402.3	3468.1	3540.5	3593.2	3626.1	3606.3
17.5°	5205.5	4850.1	3955.1	3408.9	3303.6	3362.8	3501.0	3573.4	3665.6	3685.3	3672.1
20°	5435.8	4922.5	3777.4	3244.4	3237.8	3362.8	3481.3	3586.6	3659.0	3678.7	3691.9
22.5°	5659.6	4988.3	3547.1	3125.9	3165.4	3323.4	3435.2	3547.1	3580.0	3599.7	3606.3
25°	5889.9	5054.1	3336.5	3033.8	3112.8	3270.7	3362.8	3408.9	3415.5	3402.3	3402.3
27.5°	6140.0	5060.7	3125.9	2961.4	3053.5	3191.7	3244.4	3257.5	3231.2	3139.1	3112.8
30°	6403.2	4994.9	2954.8	2895.6	2987.7	3099.6	3139.1	3099.6	3007.5	2875.9	2862.7
32.5°	6620.4	4896.2	2829.8	2816.6	2915.3	3014.0	3014.0	2941.7	2803.5	2671.8	2665.3
35°	6949.4	4758.0	2704.7	2764.0	2849.5	2895.6	2908.8	2803.5	2652.1	2527.1	2513.9
37.5°	7271.9	4639.5	2652.1	2698.2	2777.1	2816.6	2777.1	2671.8	2573.1	2467.8	2467.8
40°	7772.0	4567.1	2586.3	2652.1	2717.9	2724.5	2652.1	2573.1	2586.3	2527.1	2520.5
42.5°	8318.2	4560.6	2560.0	2606.0	2652.1	2638.9	2533.6	2533.6	2553.4	2441.5	2415.2
45°	8943.4	4652.7	2560.0	2540.2	2566.5	2527.1	2467.8	2454.7	2408.6	2244.1	2237.5
47.5°	9594.9	4876.4	2573.1	2448.1	2441.5	2428.3	2402.0	2356.0	2217.8	2079.6	2059.8
50°	10108.3	5185.7	2612.6	2329.6	2303.3	2349.4	2303.3	2224.3	2066.4	1934.8	1915.0
52.5°	10720.3	5495.0	2586.3	2184.9	2152.0	2270.4	2224.3	2112.5	1994.0	1915.0	1895.3
55°	11365.2	5817.5	2481.0	1987.4	2013.8	2171.7	2158.5	2033.5	1888.7	1783.4	1770.3
57.5°	12010.1	6225.5	2303.3	1816.3	1915.0	2112.5	2059.8	1908.5	1809.7	1737.4	1724.2
60°	12997.3	6811.2	2046.7	1638.6	1816.3	1987.4	1901.9	1855.8	1750.5	1691.3	1658.4
62.5°	14274.0	7785.2	1711.0	1474.1	1678.1	1836.1	1829.5	1776.8	1684.7	1618.9	1599.2
65°	16090.3	8713.1	1401.7	1316.2	1500.4	1651.8	1730.8	1684.7	1592.6	1520.2	1513.6
67.5°	*16439.1*	*7785.2*	*1164.8*	*1151.7*	*1303.0*	*1474.1*	*1625.5*	*1592.6*	*1447.8*	*1355.7*	*1342.5*
70°	14306.9	5560.9	980.6	993.7	1138.5	1289.9	1454.4	1375.4	1257.0	1204.3	1197.7
72.5°	12701.1	4777.7	822.6	848.9	954.2	1092.4	1191.1	1217.5	1131.9	1085.8	1066.1
75°	9154.0	3580.0	664.7	697.6	770.0	848.9	1033.2	1079.3	1000.3	954.2	921.3
77.5°	3395.7	1493.9	493.6	526.5	579.1	691.0	835.8	934.5	875.3	908.2	816.0
80°	816.0	526.5	361.9	355.4	408.0	519.9	664.7	737.1	677.8	644.9	559.4
82.5°	355.4	256.7	236.9	236.9	250.1	342.2	440.9	519.9	506.7	421.2	401.4
85°	131.6	111.9	111.9	118.5	118.5	157.9	236.9	276.4	250.1	217.2	210.6
87.5°	59.2	59.2	46.1	39.5	32.9	32.9	39.5	26.3	19.7	13.2	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

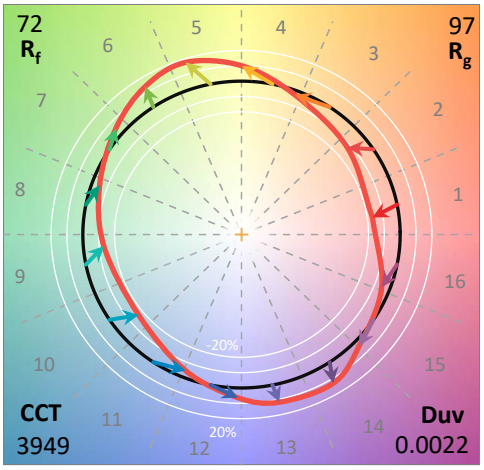
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

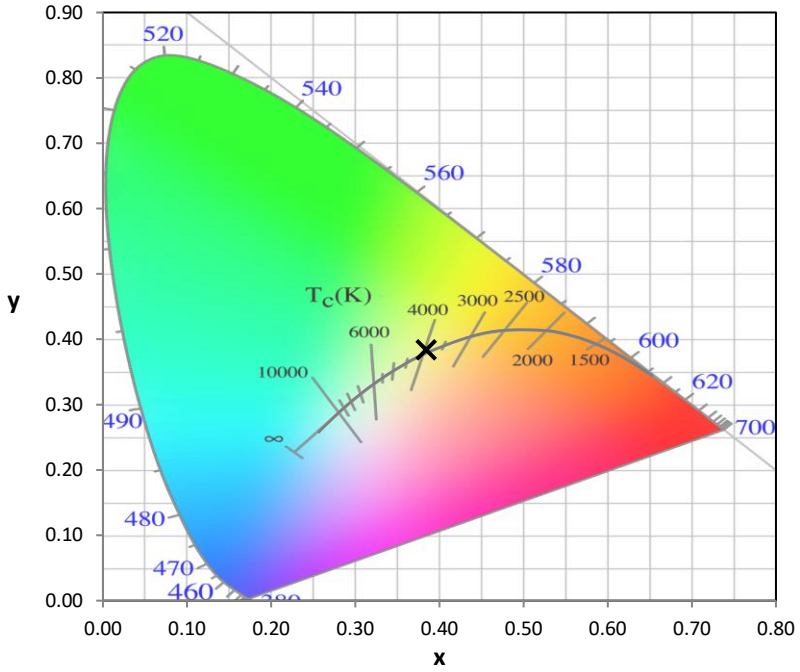
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

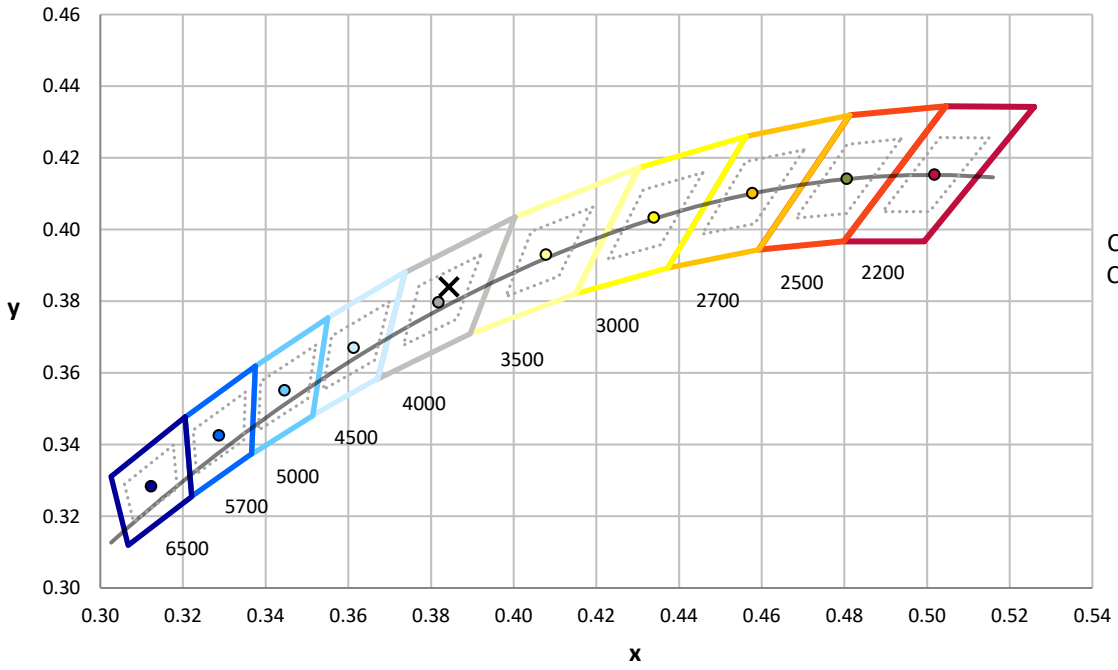
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

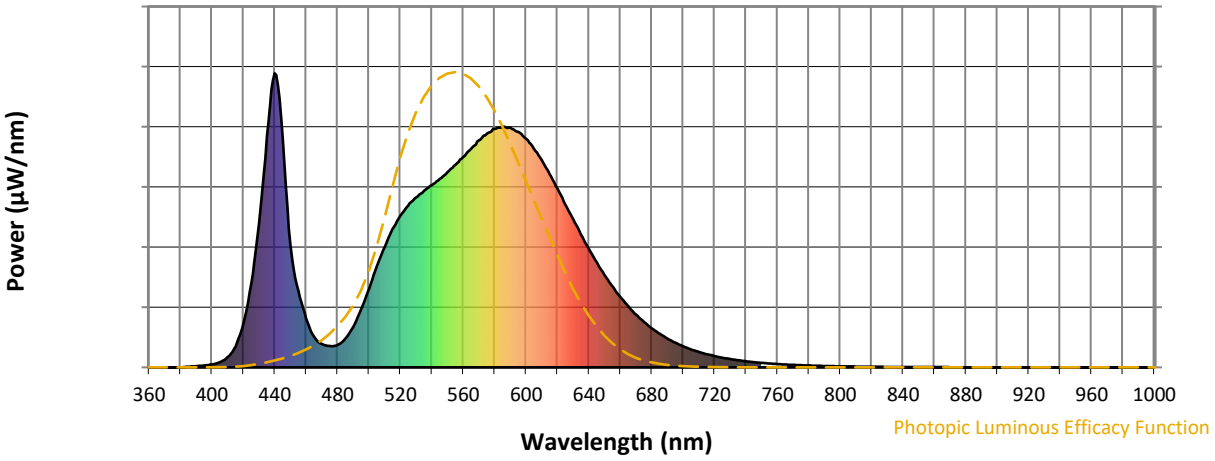


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

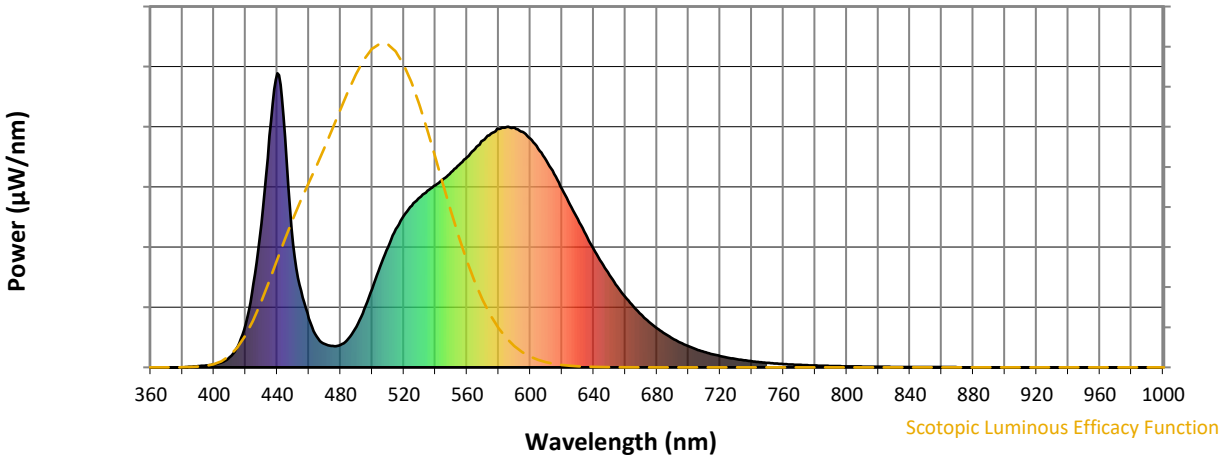


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

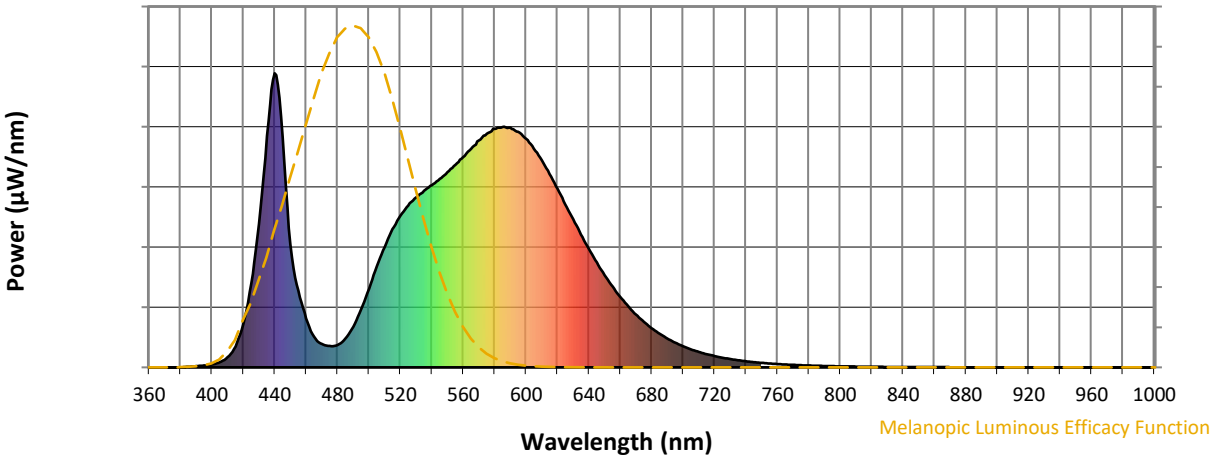


Scotopic Lumens: NR **S/P: 1.47**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

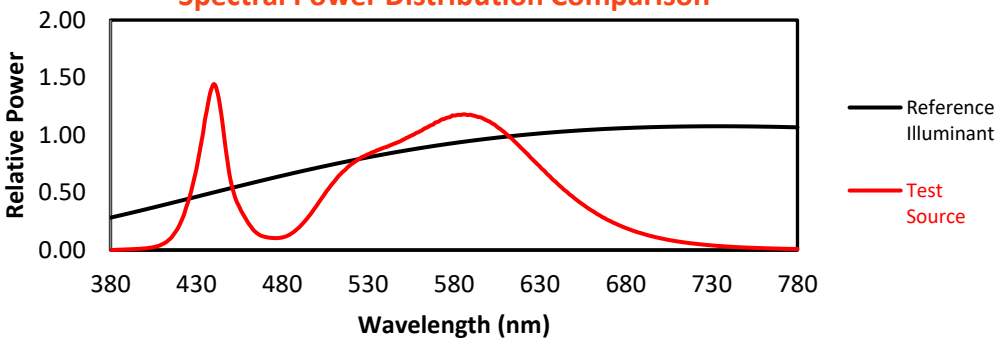
REPORT NUMBER: SP1-2407-184-1

TM-30-18

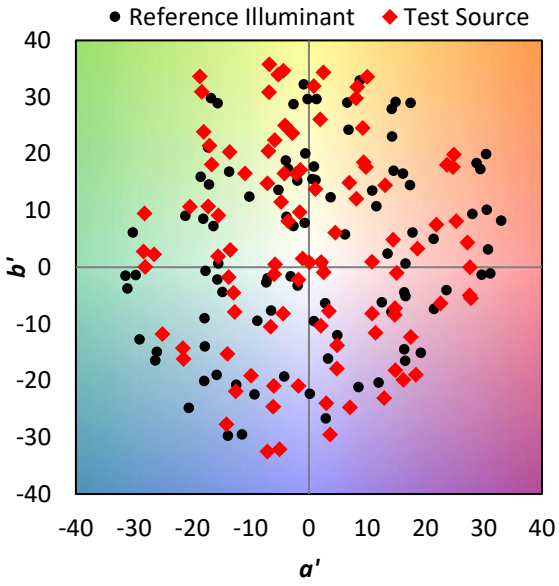
Summary

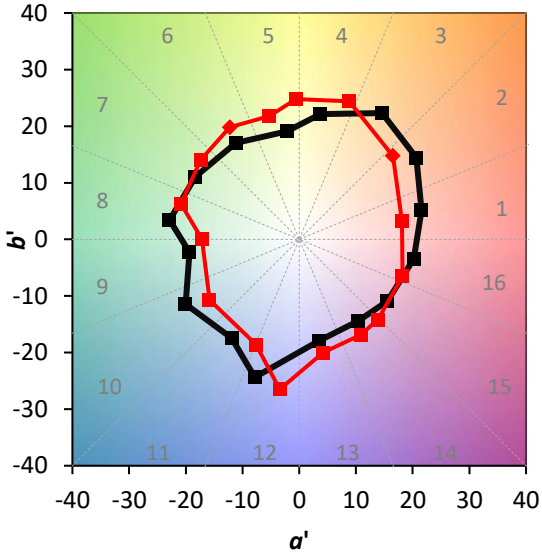
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

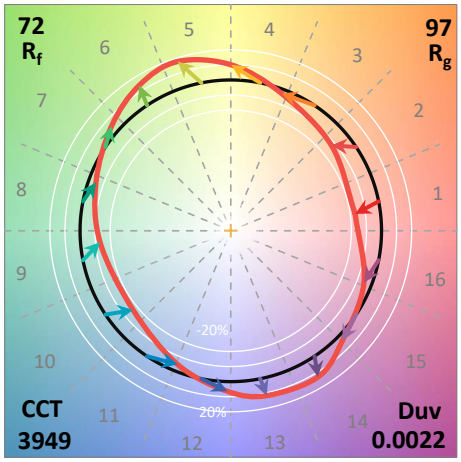
Spectral Power Distribution Comparison

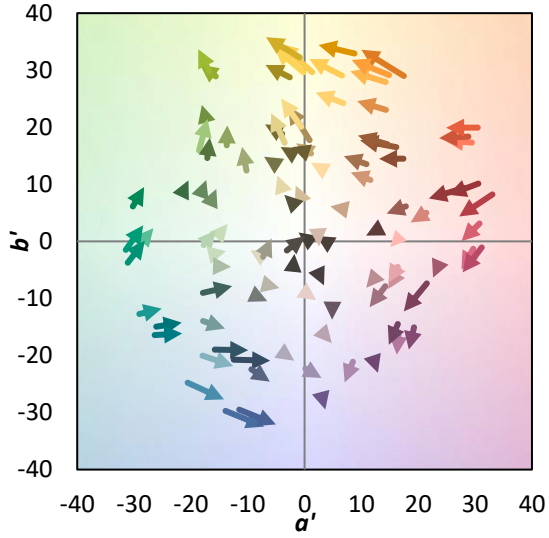


Color Vector Graphics







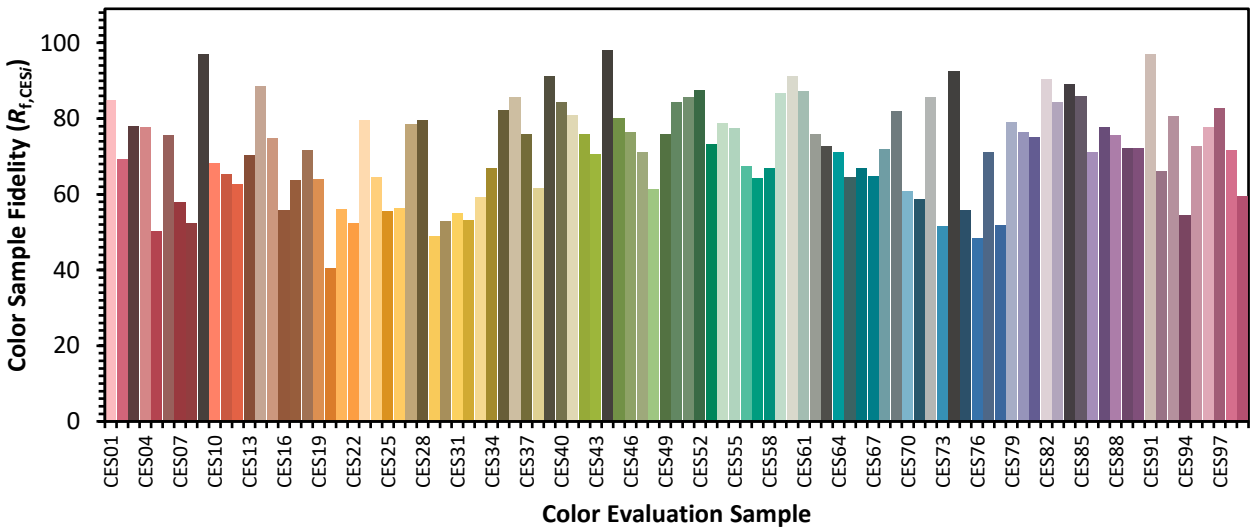


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Individual Sample Fidelity Index ($R_{f,i}$)

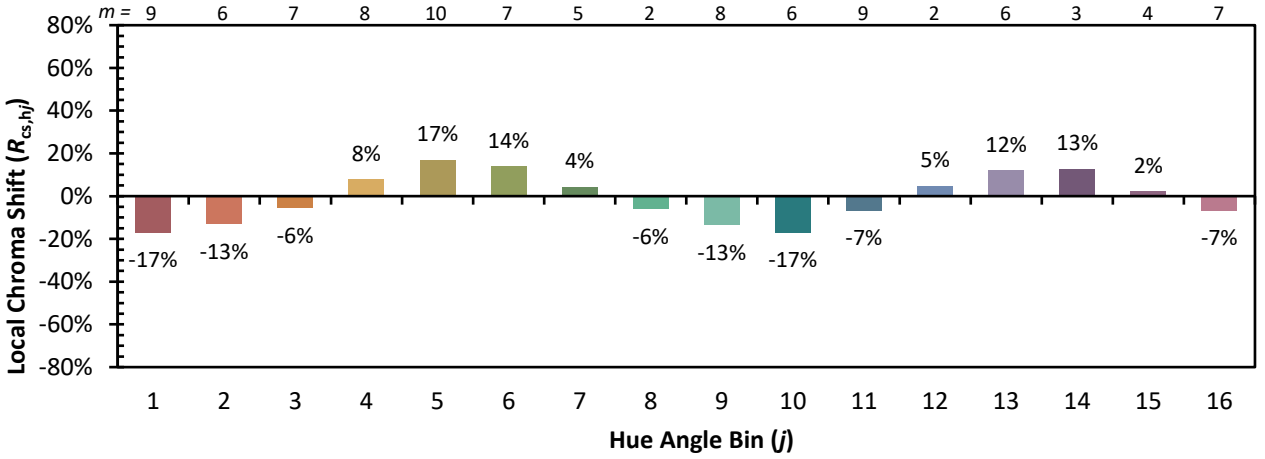
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

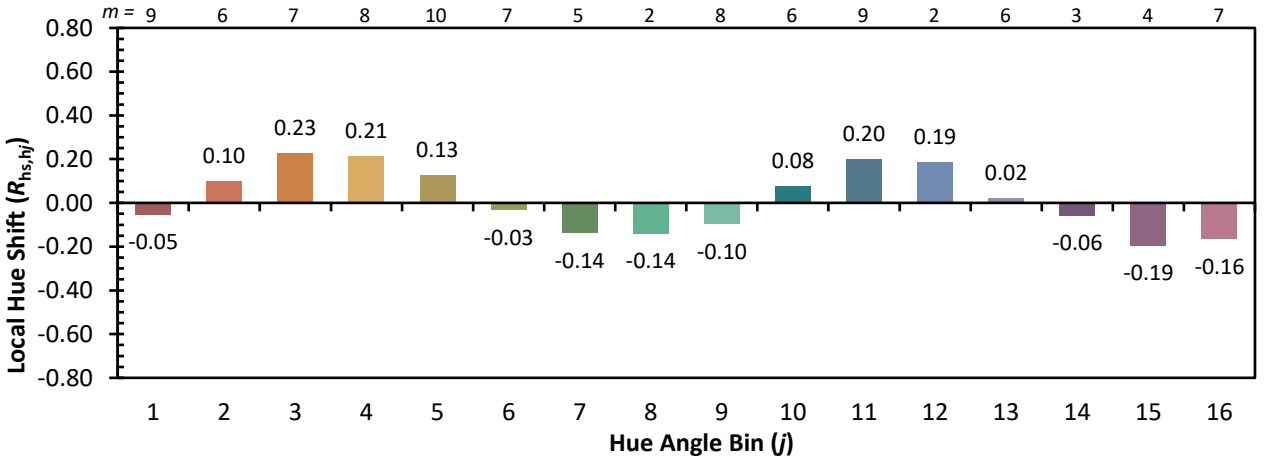


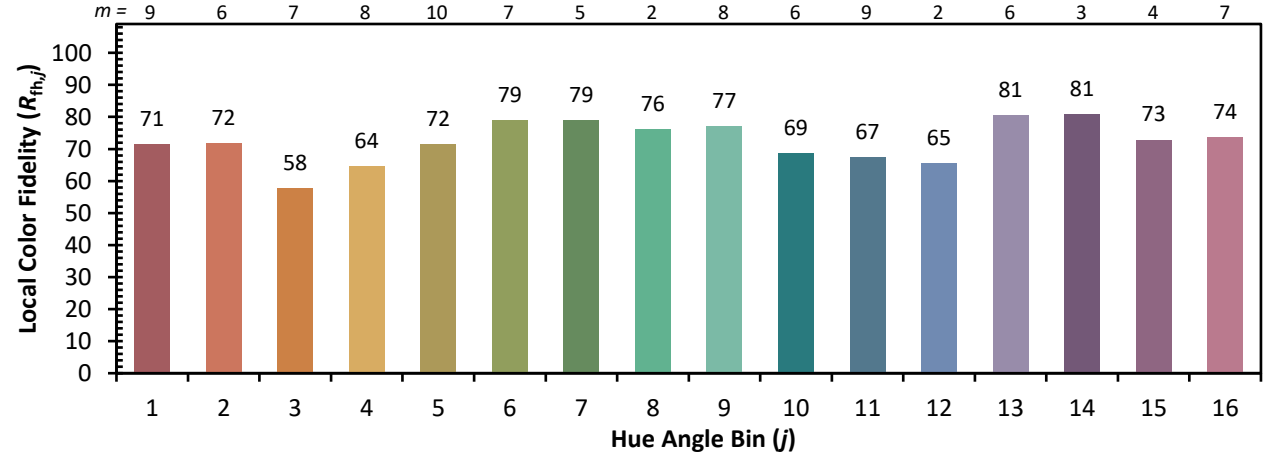
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



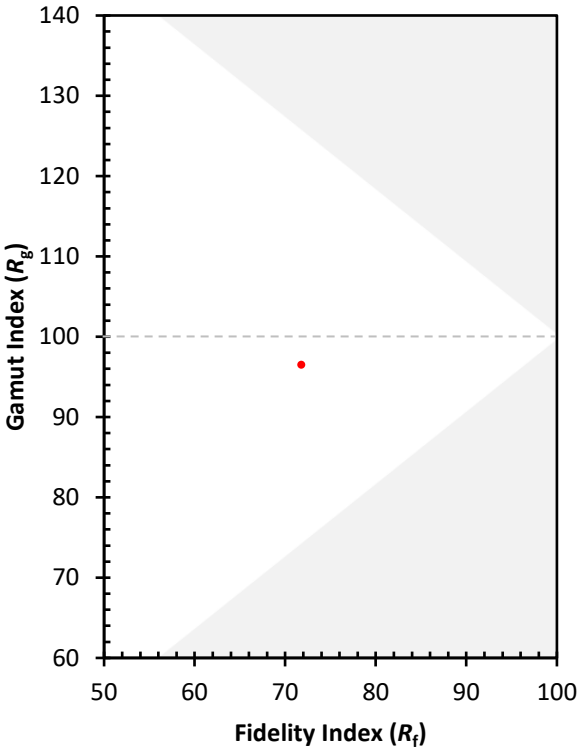


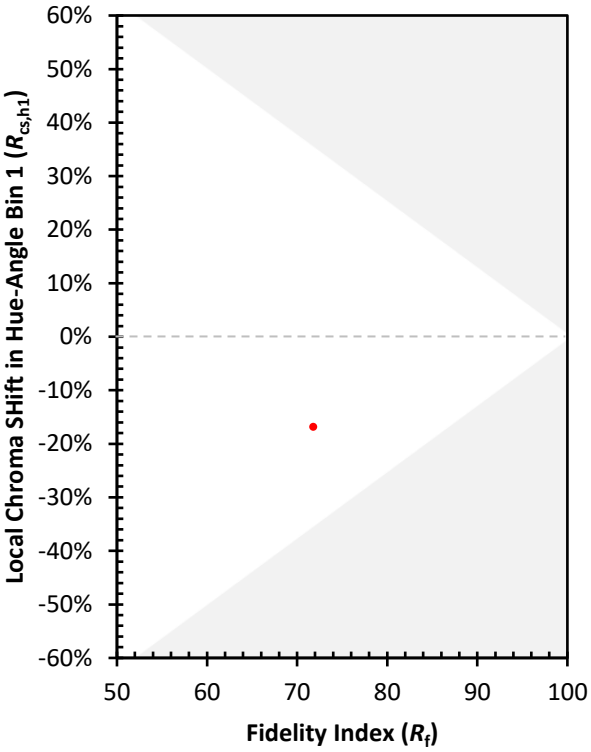


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)